CLAIMS

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transferred data.

What is claimed is:

A method of dialing a telephone number comprising: 1 1. transmitting data from a personal digital assistant device to a communication 2 a. device, wherein the data includes the telephone number; and 3 automatically dialing the telephone number by a dialing device. b. 4 TOTO LEGISTE LONG PROPERTY OF LONG PRO The method as claimed in claim 1 wherein the dialing device is integral to the 2. communication device. The method as claimed in claim 1 wherein the dialing device is an external device linked 3. to the communication device. The method as claimed in claim 1 further comprising verifying that a connection has been 1 4. established between the personal digital assistant device and the communication device. 2 The method as claimed in claim 1 further comprising analyzing compatibility of 5. 1

- 1 6. The method as claimed in claim 1 further comprising sending a status message to the personal digital assistant device regarding status of data transmission.
- 7. The method as claimed in claim 1 further comprising storing the data within a dialing
 device memory.
 - 8. The method as claimed in claim 1 further comprising storing the data within a communication device memory.
 - 9. A method of dialing a telephone number comprising:
 - a. transmitting data from a personal digital assistant device to a dialing device,
 wherein the data includes the telephone number; and
 - b. transmitting the data from the dialing device to a communication device, wherein the telephone number is automatically dialed by the communication device.
- 1 10. The method as claimed in claim 9 further comprising saving the telephone number in a dialing device memory.
- 1 11. A system for dialing a telephone number comprising:
 - a. a personal digital assistant device for transmitting data including the telephone number;

4		b.	a dialing device capable of reception and transmission of data; and	
5		c.	a communication device coupled to the dialing device for reception of the data	
6			transmitted from the dialing device.	
1	12.	The sy	The system as claimed in claim 11 wherein the dialing device is external to the	
2		comm	unication device.	
	13.		ystem as claimed in claim 11 wherein the dialing device is integrated within the nunication device.	
	14.	A personal digital assistant device for automatically dialing a telephone number via a		
		communication device comprising:		
		a.	a data communications circuit for transferring data including the telephone	
4			number to a communication device and receiving data from an external source;	
5		b.	a verification circuit coupled to the data communications circuit, for verifying that	
6			a connection with the communication device has been established;	
7		d.	a notification circuit coupled to the data communications circuit and the	
8			verification circuit for informing a user of a status of connection between the	

personal digital assistant device and the communication device; and

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- e. a user interface coupled to the data communications circuit, the verification circuit, and the notification circuit for receiving commands and the data from the user.
- The personal digital assistant device as claimed in claim 14 further comprising a display coupled to the user interface for viewing of data input, received and transmitted.
 - 16. The personal digital assistant device as claimed in claim 14 further comprising a microprocessor coupled to the data communications circuit, the verification circuit, the notification circuit, and the user interface for execution of programmed instructions.
 - 17. The personal digital assistant device as claimed in claim 14 further comprising a data storage medium coupled to a microprocessor and the data communications circuit for storing received data.
 - 18. The personal digital assistant device as claimed in claim 14 wherein the data communications circuit transfers data via an infra-red connection.
- 1 19. The personal digital assistant device as claimed in claim 14 wherein the data 2 communications circuit transfers data via a wired connection.

- 1 20. The personal digital assistant device as claimed in claim 14 wherein the data communications circuit transfers data via a wireless connection.
- 1 21. A communication device comprising:
- a. a microprocessor configured to execute programmed instructions;
 - b. a dialing device coupled to the microprocessor to automatically dial a telephone number;
 - c. a data receiving circuit coupled to the microprocessor and to the dialing device for receiving data from a personal digital assistant device; and
 - d. a first data transmitting circuit coupled to the microprocessor for transmitting data, and status and error messages to the personal digital assistant device.
 - 22. The communication device as claimed in claim 21 wherein the dialing device is integrated within the communication device.
- The communication device as claimed in claim 21 further comprising a user interface

 coupled to the microprocessor and the dialing device for inputting telephone numbers to

 be dialed by the dialing device.

- The communication device as claimed in claim 21 further comprising a data storage

 medium coupled to the microprocessor, the dialing device and the data receiving circuit

 for storing received data.
 - 25. The communication device as claimed in claim 21 further comprising a data analyzing circuit coupled to a microprocessor and to the data receiving circuit for analyzing received data from an external source to determine whether the received data will permit a call to be placed.
 - 26. The communication device as claimed in claim 21 further comprising a dialing mechanism coupled to a microprocessor for simulating unique touch-pad dial-tones and triggering a dial-tone, and dialing a telephone number.
 - 27. The communication device as claimed in claim 21 wherein the data receiving circuit includes an infra-red connection.
- 1 28. The communication device as claimed in claim 21 wherein the first data transmitting 2 circuit includes a wired connection.
- The communication device as claimed in claim 21 wherein the data receiving circuit and the first data transmitting circuit include a wireless connection.

The communication device as claimed in claim 21 wherein the communication device is a 30. 1 2 telephone. The communication device as claimed in claim 21 wherein the communication device is a 31. 1 wireless telephone. 2 The communication device as claimed in claim 21 wherein the communication device is a 32. two-way pager. The communication device as claimed in claim 21 wherein the communication device is a 33. video phone. A dialing device comprising: 1 34. a microprocessor configured to execute programmed instructions; 2 a. a data receiving circuit coupled to the microprocessor for receiving data from a 3 b. communication device; 4 a dialing mechanism coupled to the microprocessor and the data receiving circuit 5 c. for simulating unique touch-pad dial-tones and triggering a dial-tone at the 6 7 communication device; and

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- d. a data transmitting circuit coupled to the microprocessor for transmitting data, and status and error messages to the communication device.
 - 35. The dialing device as claimed in claim 34 further comprising a data storage medium coupled to the microprocessor, the dialing mechanism and the data receiving circuit for storing received data.
 - 36. The dialing device as claimed in claim 34 further comprising a display coupled to the microprocessor for viewing of data input, received and transmitted.
 - 37. The dialing device as claimed in claim 34 further comprising a verification circuit coupled to the data receiving circuit and the microprocessor for verifying whether a connection with a communication device has been established.
- The dialing device as claimed in claim 34 further comprising a data analyzing circuit

 coupled to the data receiving circuit and the microprocessor for analyzing received data

 from an external source to determine whether the received data will permit a call to be

 placed.
 - 39. The dialing device as claimed in claim 34 further comprising a second data receiving circuit coupled to the microprocessor for receiving data from an external source.

- 1 40. The dialing device as claimed in claim 34 wherein the data receiving circuit includes an infra-red connection.
- 1 41. The dialing device as claimed in claim 34 wherein the data transmitting circuit includes a wired connection.
 - 42. The dialing device as claimed in claim 34 wherein the data receiving circuit and data transmitting circuit include a wireless connection.